

ABSTRACT OF THE DISCLOSURE

According to the present disclosure, connectionless base IP protocol is leveraged to transfer streaming voice to a destination telephony device. As such, the disclosed IP telephony peripheral adjunct to a computer includes an interface to the computer, a controller and memory specifying the destination IP address, a packetizer coupled to the controller and memory for packetizing outbound digitized voice into at least one outbound IP packet, and a network interface for transmitting the outbound IP network onto a network which may involve a LAN, WAN or the Internet. The disclosed IP phone peripheral also includes an extractor coupled to the memory and controller for extracting inbound digitized voice within an incoming IP packet whose source address correlates to the destination IP address or addresses stored in the memory.